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(54) Title: USE OF FUCOSYLATED SIALYLATED N–ACETYL LACTOSAMINE CARBOHYDRATE STRUCTURES FOR INHIBITION OF BACTERIAL ADHERENCE

(57) Abstract

A fucosylated sialylated N–acetyl lactosamine structure such as a sialyl–Lewis antigen carbohydrate structure, for example sialyl–Lewis x and in particular dimeric or repetitive sialyl–Lewis x can be used for the preparation of a pharmaceutical composition for the treatment or prophylaxis in humans of conditions involving infection by *Helicobacter pylori* and related pathogens of the human gastrointestinal mucosa. Further, said conditions can be treated through the administration of a fucosylated sialylated lactosamine structure, such as a sialyl–Lewis antigen carbohydrate structure or corresponding antibodies to patients in need thereof.